SOLAR RADIO NOISE STORM AT 150.9 MHZ

FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2011

	HELIOGRAPHICS POSITIONS MEAN VALUES[1]		IMP[2]	OBSERVING TIME[3]	
DAY	E-W	S-N		START(UT)	END(UT)
02/12/11*	-0.77	-0.61	III	8H12 E	15H11 D
03/12/11*	-0.48	-0.33	I	8H11 E	15H10 D
04/12/11*	-0.40	-0.24	II	8H12 E	15H11 D
09/12/11*	-1.08	-0.22	I	13H17	15H13 D
11/12/11*	-0.45	-0.04	I	12H16	14H10
12/12/11*	-0.04	-0.35	I	8H15 E	15H14 D
14/12/11*	+0.10	-0.50	I	8H16 E	15H15 D
15/12/11*	+0.47	-0.57	I	8H16 E	15H15 D
19/12/11*	-0.56	-0.83	I	8H18 E	15H19 D
21/12/11*	+0.00	-0.57	I	8H20 E	15H19 D

SOLAR RADIO NOISE STORM AT 327 MHZ

FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2011

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[1] POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

[2] IMP1: FLUX< 5 SFU IMP2: 5< FLUX < 20 SFU IMP3: 20< FLUX <100 SFU
IMP4: 100< FLUX <300 SFU IMP5> 300 SFU

[3] E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS
D NOISE STORM IN PROGRESS AT THE END OF THE NANCAY OBSERVATIONS

	HELIOGRAPHICS POSITIONS MEAN VALUES[1]		IMP[2]	OBSERVING TIME[3]	
DAY	E-W	S-N		START(UT)	END(UT)
02/12/11	-0.81	-0.65	II	8H12 E	15H11 D
03/12/11	-0.55	-0.52	I	8H11 E	15H10 D
04/12/11	-0.39	-0.47	I	8H12 E	15H11 D
04/12/11	-0.10	-0.58	I	8H12 E	15H11 D
05/12/11	-0.14	-0.46	I	8H13 E	15H11 D
05/12/11	+0.15	-0.55	I	8H13 E	15H11 D
06/12/11	+0.36	-0.60	I	8H15 E	15H12 D
07/12/11	+0.65	-0.52	I	8H13 E	15H12 D
08/12/11	+0.74	-0.52	I	8H13 E	15H12 D
10/12/11	-0.86	+0.11	I	8H14 E	15H14 D
11/12/11	-0.47	-0.51	I	8H43 E	15H14 D
12/12/11	-0.15	-0.45	I	8H15 E	15H14 D
14/12/11	+0.09	-0.35	I	8H16 E	15H15 D
19/12/11	-0.47	-0.46	II	8H19 E	15H18 D
21/12/11	+0.15	-0.39	I	8H20 E	15H19 D

22, 23, 24, 25, 26, 27, 28, 29, 30, 31 december 2011 : NO DATA

Unfortunately, we had a lot of failures just before Christmas in the Radioheliograph receivers and antennas. The consequence is that between 2011 Dec 22 and 2012 Jan 4, the observations are very difficult to process, and the positions of the solar radio emissions are unreliable. We decided therefore to do not publish them. We apologize for the inconvenient.

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionopheric gravity waves are observed during the whole day. Without a mode detailed analysis leadind to increase uncertainties in the deviation , the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source

**** no flux measurements available